# MAXWELL'S DEMON™
# and
# MEMORY MANIA™

for Atari® 400/800/1200XL Computer (48K)

by Mark Riley

**TO START**

Make sure your BASIC cartridge is in the computer. Turn on your disk drive and wait for the "drive busy" light to turn off. Insert the diskette into the drive and turn on the computer.

| | |
|---|---|
| SELECT | highlight game to play |
| START | begin highlighted game |

The games can be played with either joystick or keyboard.

## MEMORY MANIA™

Reassemble a picture that has been broken into pieces and scrambled. You can save the puzzle to diskette at any point and complete it later.

Press RETURN to display the picture titles. Type the title of the picture you want to scramble and solve, then press RETURN.

| Press | to make | Press | to make |
|---|---|---|---|
| 2 | four puzzle pieces | 7 | 49 puzzle pieces |
| 3 | nine puzzle pieces | 8 | 64 puzzle pieces |
| 4 | 16 puzzle pieces | W | white dividing lines |
| 5 | 25 puzzle pieces | B | black dividing lines |
| 6 | 36 puzzle pieces | | |

| | |
|---|---|
| OPTION | turn counter display on and off |
| ATARI | look at original picture |

| Joystick Control | | Keyboard Control | |
|---|---|---|---|
| ↑ | move arrow up | ↑ | move arrow up |
| ← | move arrow left | ← | move arrow left |
| → | move arrow right | → | move arrow right |
| ↓ | move arrow down | ↓ | move arrow down |
| button | move section | START | move section |

| | |
|---|---|
| CTRL-S | save puzzle to complete later |
| CTRL-DELETE | delete puzzle, then type new puzzle title |

When the puzzle is solved, you see the question, "Do you want to play again?"

| | |
|---|---|
| Y | asks for new picture title |
| N | goes to program title page |

| | |
|---|---|
| SYSTEM RESET | abort puzzle, return to program title page |

## MAXWELL'S DEMON™

Separate the hydrogen atoms from the helium atoms by positioning the Demon Gate of Separation somewhere along the dividing wall and then opening the Gate.

**Level of Difficulty** — Press a key between 1 and 8 to select number of atoms of each element. Level one gives five hydrogen and five helium atoms; level eight gives 19 of each.

| Joystick Control | | Keyboard Control | |
|---|---|---|---|
| ↑ | move Gate up | ↑ | move Gate up |
| ↓ | move Gate down | ↓ | move Gate down |
| button | open Gate | START | open Gate |

"MEMORY MANIA™" was formerly BISHOP'S SQUARE™ by Datasoft

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